

Did You Know ?

The California Energy Commission has rebates of \$4,500 per kilowatt for the capacity your solar photovoltaic (PV) system or small wind turbine will generate;
OR will cover half of the installed price of one of these new renewable energy systems; whichever is less.

"There have been a few months where I actually paid nothing to the utility for my electricity. I loved that feeling."

Pat Campbell, shown on the cover
Tehachapi fireman
10 kW small wind turbine
\$18,000 Energy Commission
buy-down rebate check

With a state law requiring utilities to offer "net metering," you can bank the extra electricity you can't use at your home from your solar or wind system with the utility.

During some months of the

year, you may actually pay nothing for power. Connecting your renewable energy system to the grid not only cuts your power bill, but supplies the grid with much needed clean peak power.

Solar PV and small wind turbines can reduce your electricity consumption so that you may avoid costly future rate hikes.

Resources

Apply For Emerging Renewable Buy-Down Rebates

Find out if you are eligible for state financial incentives that can cover up to 50 % of initial investment costs of solar photovoltaics, small wind turbines, fuel cells and solar thermal systems.

California Energy Commission

1-800-555-7794

www.consumerenergycenter.org/buydown

Helpful Contacts

California Solar Energy Industries Association

PO Box 782

Rio Vista, CA 94571

949-709-8043

www.calseia.org

American Wind Energy Association

122 C Street, NW, Suite 380

Washington, DC 20001

202-383-2500

www.awea.org

Rural Alliance, Inc.

801 12th Street

Sacramento, CA 95814

916-447-4806

www.rcrcnet.org

Check Out What The Federal Government Offers

The U.S. Department of Energy is a good source of information on current news, policies, regulations and barriers to clean distributed generation.

www.eren.doe.gov/distributedpower/



CALIFORNIA ENERGY COMMISSION

1516 9th Street, MS-45
Sacramento, CA 95814-5512

Emerging Renewable Technologies

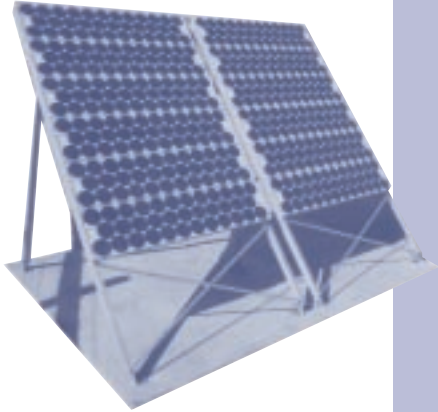
Do Your Part and Become Your Own Power Producer



The California Energy Commission Buy-Down Program

"My wife Gay really couldn't stay in business without this solar system."

Realtor Kenneth Lot referring to his wife's beauty salon
920 watt solar PV system
\$2,415 Energy Commission buy-down rebate



SOLAR PHOTOVOLTAICS

Rely upon silicon semi-conductors to convert sunlight directly into electricity.

If you're interested in solar PV panels, consider the following:

- Ask one of the dealers listed on the Energy Commission's website whether your home's location is in an area where there is enough sunlight to justify an investment in solar PV panels.
- If you do live in an area where there is enough sun, you need an unobstructed roof area that faces south or west.
- A 2-kw system can supply the average residential customer with 60% of his or her annual electricity needs.
- It typically does not make sense for a homeowner to buy a PV system that produces more kilowatt hours than they would otherwise use per year without the PV system.

Are You Eligible?

Only retail customers of Pacific Gas & Electric, Southern California Edison, San Diego Gas & Electric and Bear Valley Electric are eligible for the rebates. Funding for the California Energy Commission's Emerging Renewable Buy-down Program is collected from those investor-owned utilities. A list of eligible products (which include solar PV panels and inverters, small wind systems, fuel cells and solar thermal electric systems), retailers and installers selling equipment, and financing companies, are all available from the Energy Commission's website listed below.



"I wanted to reduce pollution. Period!"

Torkil Olsen
Retired Los Altos electrical engineer
2 kW solar PV system
\$5,700 Energy Commission buy-down rebate

"The capital costs will be paid off in five years. It's just an awesome machine"

Steven Mosby, Brentwood rancher
10 kW small wind turbine
\$24,250 Energy Commission buy-down rebate



SMALL WIND TURBINES

Convert the kinetic energy of wind into electricity.

If you're interested in a small wind turbine, consider the following:

- The average wind speed at the site should exceed 9 mph
- The site is at least as large as an acre
- City or county or homeowner association do not restrict tower heights
- Your present electricity cost is 11 cents per kilowatt hour or higher
- The wind blows, at least in part, during your peak periods of consumption

If interested in applying, please call 1-800-555-7794 or visit www.consumerenergycenter.org/buydown